

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1	("5419146").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/10 17:26
L3	1	("6276152").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/10 17:27
L4	1	("5083438").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/10 17:29
L5	1	("5924847").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/10 17:31
L6	1	("6564560").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/10 17:32
L7	1	chilled water valve and cooling water valve	US-PGPUB; USPAT	ADJ	OFF	2009/06/10 17:33
L8	16	chilled water with control valve and cooling water with control valve	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/06/10 17:33
L9	1	("6463748").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/10 18:14
L10	1	"20010003347"	US-PGPUB; USPAT	ADJ	OFF	2009/06/10 18:31
S1	3	((NINGFAN) near2 (ZHAO)).INV.	EPO; JPO; DERWENT	ADJ	OFF	2009/06/10 12:46
S2	1	((NINGFAN) near2 (ZHAO)).INV.	US-PGPUB; USPAT	ADJ	OFF	2009/06/10 12:46
S3	1	("6463748").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/10 12:48
S4	8	("4389849"   "5857348").PN. OR ("6463748").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/06/10 12:49
S5	1	("6389942").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/10 12:50
S6	1	("6389842").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/10 12:51
S7	14	magnetic bearing with compressor and variable frequency with motor	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/06/10 13:33

S8	6	("3705775"   "4125345"   "4389842"   "4834624"   "5819524").PN. OR ("6261070").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/06/10 13:35
S9	712	magnetic and bearing and compressor and variable and frequency and motor and (refrigerat\$4 or air conditio\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/06/10 13:40
S10	124	magnetic and bearing and compressor and variable and frequency and motor and (refrigerat\$4 or air conditio\$4) and "62". clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/06/10 13:41
S11	21	magnet\$4 adj bearing and compressor and variable and frequency and motor and (refrigerat\$4 or air conditio\$4) and "62". clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/06/10 13:46
S12	23	("4302150"   "4523896"   "4708593"   "4809521"   "4889039"   "5065590"   "5127792"   "5145317"   "5152679"   "5277834"   "5312226"   "5355042"   "5355691"   "5445494"   "5553997"   "5600076"   "5729066"   "5747907").PN. OR ("5924847").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/06/10 13:54
S13	20	("4057369"   "4312628"   "4683111").PN. OR ("5127792").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/06/10 13:55

S14	16	"1295224"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/10 14:24
S15	8	"1295224"	DERWENT	ADJ	ON	2009/06/10 14:24
S16	1	2001-442809.NRAN.	DERWENT	ADJ	OFF	2009/06/10 14:25
S17	1	2001-442809.NRAN.	DERWENT	ADJ	OFF	2009/06/10 14:25
S18	342	62/224.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/06/10 14:27
S19	1	("4,850,197,") .PN.	US-PGPUB; USPAT	OR	OFF	2009/06/10 14:31
S20	1047	variable frequency with pump	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/06/10 14:33
S23	713	62/115.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/06/10 14:44
S25	137	62/168.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	OFF	2009/06/10 14:50
S26	674	62/228.3.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	OFF	2009/06/10 14:51
S28	5	("6370896"   "6428282"   "6579067"   "RE27148") .PN. OR ("6939109") .URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/06/10 14:52
S29	621	62/228.4.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	OFF	2009/06/10 14:58
S31	5	("6269650"   "6283380"   "6374627"   "6557624") .PN. OR ("6826922") .URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/06/10 15:02

S35	610	chill\$4 with water and cooling with water with flow with valve	US-PGPUB; USPAT; USOCR; JPO; DERWENT	ADJ	ON	2009/06/10 15:15
S36	43	chill\$4 with water and cooling with water with flow control with valve	US-PGPUB; USPAT; USOCR; JPO; DERWENT	ADJ	ON	2009/06/10 15:15
S37	0	condenser cooling water valve and evaporator water control valve	US-PGPUB; USPAT; USOCR; JPO; DERWENT	ADJ	ON	2009/06/10 15:22
S38	0	condenser cooling water near valve and evaporator with water control valve	US-PGPUB; USPAT; USOCR; JPO; DERWENT	ADJ	ON	2009/06/10 15:22
S39	0	condenser cooling water near valve and evaporator near water control valve	US-PGPUB; USPAT; USOCR; JPO; DERWENT	ADJ	ON	2009/06/10 15:23
S40	13	condenser same water near control valve and evaporator near water same control same valve	US-PGPUB; USPAT; USOCR; JPO; DERWENT	ADJ	ON	2009/06/10 15:23
S42	33	flow control valve near evaporator	US-PGPUB; USPAT; USOCR; JPO; DERWENT	ADJ	ON	2009/06/10 15:25
S43	0	chiller with flow control valve near (evaporator and condenser)	US-PGPUB; USPAT; USOCR; JPO; DERWENT	ADJ	ON	2009/06/10 15:27
S45	12	chiller same flow control valve same evaporator	US-PGPUB; USPAT; USOCR; JPO; DERWENT	ADJ	ON	2009/06/10 15:28
S46	66	condenser same flow control valve and evaporator same flow control valve and chill \$4 and water	US-PGPUB; USPAT; USOCR; JPO; DERWENT	ADJ	ON	2009/06/10 15:30
S47	65	evaporator same plate same core same shell	US-PGPUB; USPAT; USOCR; JPO; DERWENT	ADJ	ON	2009/06/10 15:45
S48	10568	plate with evaporator	US-PGPUB; USPAT; USOCR; JPO; DERWENT	ADJ	ON	2009/06/10 15:50

S49	8	plate heat exchanger with core same shell	US-PGPUB; USPAT; USOCR; JPO; DERWENT	ADJ	ON	2009/06/10 15:50
S50	3586	plate type heat exchanger	US-PGPUB; USPAT; USOCR; JPO; DERWENT	ADJ	ON	2009/06/10 15:59
S51	6	plate type heat exchanger with core same shell	US-PGPUB; USPAT; USOCR; JPO; DERWENT	ADJ	ON	2009/06/10 15:59
S52	11	("3523577").URPN.	USPAT	ADJ	OFF	2009/06/10 16:01
S55	118	main control unit and (second\$4 or local) control unit	US-PGPUB; USPAT; EPO; JPO	ADJ	OFF	2009/06/10 16:05
S56	0	main control unit and (second\$4 or local) control unit and refriger\$4	US-PGPUB; USPAT; EPO; JPO	ADJ	OFF	2009/06/10 16:05
S57	40	refriger\$4 and (main or primary) (controller or control unit) and (secondary or local) (control unit or controller)	US-PGPUB; USPAT; EPO; JPO	ADJ	OFF	2009/06/10 16:06
S58	3	"62".clas. and (main or primary) (controller or control unit) and (secondary or local) (control unit or controller)	US-PGPUB; USPAT; EPO; JPO	ADJ	OFF	2009/06/10 16:07
S59	441	62/201.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	OFF	2009/06/10 16:58
S62	624	62/185.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/06/10 17:07

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